

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: 1001 Examiner #: 1001 Date: 10/10/97
Art Unit: 1001 Phone Number 30 1001 Serial Number: 1001
Mail Box and Bldg/Room Location: 1001 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation
5,902,757

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher <u>1001</u>	NA Sequence (#) _____	STN _____
Searcher Phone # _____	AA Sequence (#) _____	Dialog _____
Searcher Location _____	Structure (#) _____	Questel Orbit _____
Date Searcher Picked Up _____	Bibliographic _____	Dr Link _____
Date Completed _____	Litigation _____	Lexis Nexis _____
Searcher Prep & Review Time _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time _____	Patent Family _____	WWW Internet _____
Online Time _____	Other _____	Other (specify) _____

Deleted file: WPAT

Search statement 2

2 IN 1989-1997

1998-1999: Results 1

Search statement

1998-1999: MAX 1234567

1998-1999: WPAT - (C) Derwent- image

AN - 1998-009794 [01]

KA - 0198-003435

XF - 1998-007077

TI - A needle punched facing fabric has felt with respective top and bottom faces which are hydrophobic and hydrophilic - needle punched with yarns.

DC - 022 F04 F02 P03

PA - (SEITE-) STANDARD TEXTILE CO INC

IN - BYLES MN; JTERN KA

NP - 4

NS - 3

PN - W09851850 A1 19981119 IW1999-01 D04H-001/52 Eng 13p

AP: 1998WO-US09353 19980507

DSNW: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MN NN MW MX NO NZ PL PT RO RU SD SE SJ SK SL TM TR TT UA UG UZ VN YU ZW

DSNW: AT BE CH CY DE DK EA ES FI FR GH GR IE IT KE LS LU MA MX NL OA PT SD SE SF SG ZW

- A19872935 A 19981208 IW1999-16 D04H-001/51

FB: Based on W09851850

AP: 1998WO-US09353 19980507

- EP-907077 A1 19981414 IW1999-19 D04H-001/52 Eng

FB: Based on W09851850

AP: 1998EP-0920334 19980507; 1998WO-US09353 19980507

DSF: DE FR GB NL

- D04H-001/52 A 19980511 IW1999-16 D04H-001/52

AP: 1998WO-US09353 19980507

PN - 1998WO-US09353 19980507

DC - D04H-001/52 D04H-001/52 A61F-013/13 B02P-001/23 B02B-001/23

D04H-011/34 D04H-011/34 D04H-013/13

AB - W09851850 A

A stitch bonded facing fabric (1) comprises a felt web (2) with a hydrophobic lower felt face (2a) and a top hydrophilic felt face (2b) with an upper yarn face (2c) of yarn segments (1a'), stitch bonding yarns (1b) repeatedly extending through the felt web, an upper yarn face (2d) and a top yarn face (2e) of hydrophilic yarn segments (1b').

- USE - A stitch bonded facing fabric made from needle punched felt having hydrophilic and hydrophobic respective faces.

- ABSTRACT - Is lower in cost. (Wg. 1.3)

NP - 1998-003436 F02-C022 F03-C02 F04-C02

NS - 1998-003436

PN - 1998-003436; 1998-19; 1998-20

1998-1999: WPAT - (C) Derwent- image

AN - 1998-009794 [01]

11-9-85 1-314 CLAIMS/RRX

PN - 3-1-2,757 A 19990311 [US5-02757]

PA - Standard Textile Co Inc

ATT - 2-1-0429 REISSUE REQUESTED

Issue Date of O.G.: 20000621

Reissue Request Number: 04/153329

Examination Group Responsible for Reissue process: 1711

11-9-85 1-314 PAAT

AM - 2-1-0429-011310

PN - 3-1-2,757 A [US5-02757]

OP - 2-1-0429-06-20

AGP - REISSUE APPLICATION FILED

Search statement 3

221 INED

WRAT - Time in minutes : 0,60

The cost estimation below is based on Questel's standard price list

Estimated cost : 1.43 USD

Records displayed and billed : 1

Estimated cost : 1.29 USD

Cost estimated for the last database search : 2.77 USD

Estimated total session cost : 11.43 USD

UGST - Time in minutes : 0,11

The cost estimation below is based on Questel's standard price list

Estimated cost : 1.11 USD

Records displayed and billed : 1

Estimated cost : 4.68 USD

Cost estimated for the last database search : 4.77 USD

Estimated total session cost : 11.22 USD

TRMX - Time in minutes : 0,01

The cost estimation below is based on Questel's standard price list

Estimated cost : 0.01 USD

Records displayed and billed : 1

Estimated cost : 0.11 USD

Cost estimated for the last database search : 2.33 USD

Estimated total session cost : 0.11 USD

PAAT - Time in minutes : 0,01

The cost estimation below is based on Questel's standard price list

Estimated cost : 0.01 USD

Records displayed and billed : 1

Estimated cost : 1.77 USD

Cost estimated for the last database search : 4.77 USD

Estimated total session cost : 11.43 USD

UGST - Time in minutes : 0,11

The cost estimation below is based on Questel's standard price list

41 - 11-P
 ACT - 1990 03 EP/AE-A
 EP-APPLICATION
 EUROPÄISCHE ANMELDUNG
 (EP 0-320334/98 19980507 [1993EP- 9-13-11])
 1990 14 EP/AK-A1 [+]
 DESIGNATE CONTRACTING STATES IN AN APPLICATION WITH A MAIN PRIORITY
 IN EINER ANMELDUNG BENANNTE VERTRAGSGESTATTUNG
 DE FR DE NL
 1990 14 EP/A1 [-]
 PUBLICATION OF APPLICATION WITH SEARCH AND AT
 VERÖFFENTLICHUNG DER ANMELDUNG MIT SACHVERSUCHSBERICHT
 1990 14 EP/PP [+]
 REQUEST FOR EXAMINATION FILED
 PRÜFUNGSANTRAG GESTELLT
 DE FR
 42 - 1990-15

43 INET - (C) INPADOC
 EN - US 5-1757 A 19901511 [US5901757]
 IT - STITCH BONDED FABRIC AND FILM-RETAINING FABRIC MADE THEREWITH
 DE - STEPH SANDOLPH A [US]; BYLES MICHAEL N. [US]
 FR - STANDARD TEXTILE CO INC [US]
 AF - US 5-111/97-A 1990510 [1997US-0-5-111]
 BR - US 5-111/97-A 1990510 [1997US-0-5-111]
 IC - DE48-111/98

44 LEGAL - (C) LEGSTAT
 EN - US 5901757 [US5901757]
 AP - US 568111/97 19970510 [1997US-0-5-211]
 DT - US-P
 ACT - 19970510 US/AE-A
 APPLICATION DATA (PATENT)
 (US 568111/97 19970510 [1997US-0-5-211])
 19970510 US/AS02
 ASSIGNMENT OF ASSIGNOR'S INTEREST
 STANDARD TEXTILE CO., INC ONE KNOLLERST DRIVE CINCINNATI, OHIO
 4521-1801 : STEPH. SANDOLPH : 19970510; BYLES, MICHAEL N. : 19970510
 19970511 US-A
 PATENT
 19970510 US-PP
 REISSUE APPLICATION FILED
 20000418
 45 - 1997-17

46 INET - (C) INPADOC
 EN - US 5-1801 A1 19901119 [US5901757]
 IT - STITCH BONDED FABRIC AND FILM-RETAINING FABRIC MADE THEREWITH
 DE - STEPH SANDOLPH A; BYLES MICHAEL N
 FR - STANDARD TEXTILE CO INC [US]
 AF - US 5-111/97-A 1990510 [1997US-0-5-111]
 BR - US 5-111/97-A 1990510 [1997US-0-5-111]
 IC - DE48-111/98; DE48-113/00; DE48-011/00; DE48-005/00; DE48-117/00;
 DE48-113/00; DE48-011/04
 DT - AA* AM* AT* AU* AZ* BA* BB* BF* BG* BH* BI* BJ* BK* BL* BM* BN* BO* BP* BR* BS* BT* BU* BV* BW* BY* CA* CB* CC* CD* CE* CF* CG* CH* CI* CJ* CK* CL* CM* CN* CO* CP* CQ* CR* CS* CT* CU* CV* CW* CX* CY* CZ* DA* DB* DD* DE* DF* DG* DH* DI* DJ* DK* DL* DM* DN* DO* DP* DQ* DR* DS* DT* DU* DV* DW* DX* DY* DZ* EA* EB* EC* ED* EE* EF* EG* EH* EI* EJ* EK* EL* EM* EN* EO* EP* EQ* ER* ES* ET* EU* EV* EW* EX* EY* EZ* FA* FB* FC* FD* FE* FG* FH* FI* FJ* FK* FL* FM* FN* FO* FP* FQ* FR* FS* FT* FU* FV* FW* FX* FY* FZ* GA* GB* GC* GD* GE* GF* GH* GI* GJ* GK* GL* GM* GN* GO* GP* GQ* GR* GS* GT* GU* GV* GW* GX* GY* GZ* HA* HB* HC* HD* HE* HF* HG* HH* HI* HJ* HK* HL* HM* HN* HO* HP* HQ* HR* HS* HT* HU* HV* HW* HX* HY* HZ* IA* IB* IC* ID* IE* IF* IG* IH* II* IJ* IK* IL* IM* IN* IO* IP* IQ* IR* IS* IT* IU* IV* IW* IX* IY* IZ* JA* JB* JC* JD* JE* JF* JG* JH* JI* JJ* JK* JL* JM* JN* JO* JP* JQ* JR* JS* JT* JU* JV* JW* JX* JY* JZ* KA* KB* KC* KD* KE* KF* KG* KH* KI* KJ* KK* KL* KM* KN* KO* KP* KQ* KR* KS* KT* KU* KV* KW* KX* KY* KZ* LA* LB* LC* LD* LE* LF* LG* LH* LI* LJ* LK* LL* LM* LN* LO* LP* LQ* LR* LS* LT* LU* LV* LW* LX* LY* LZ* MA* MB* MC* MD* ME* MF* MG* MH* MI* MJ* MK* ML* MM* MN* MO* MP* MQ* MR* MS* MT* MU* MV* MW* MX* MY* MZ* NA* NB* NC* ND* NE* NF* NG* NH* NI* NJ* NK* NL* NM* NO* NP* NQ* NR* NS* NT* NU* NV* NW* NX* NY* NZ* OA* OB* OC* OD* OE* OF* OG* OH* OI* OJ* OK* OL* OM* ON* OO* OP* OQ* OR* OS* OT* OU* OV* OW* OX* OY* OZ* PA* PB* PC* PD* PE* PF* PG* PH* PI* PJ* PK* PL* PM* PN* PO* PP* PQ* PR* PS* PT* PU* PV* PW* PX* PY* PZ* QA* QB* QC* QD* QE* QF* QG* QH* QI* QJ* QK* QL* QM* QN* QO* QP* QQ* QR* QS* QT* QU* QV* QW* QX* QY* QZ* RA* RB* RC* RD* RE* RF* RG* RH* RI* RJ* RK* RL* RM* RN* RO* RP* RQ* RR* RS* RT* RU* RV* RW* RX* RY* RZ* SA* SB* SC* SD* SE* SF* SG* SH* SI* SJ* SK* SL* SM* SN* SO* SP* SQ* SR* SS* ST* SU* SV* SW* SX* SY* SZ* TA* TB* TC* TD* TE* TF* TG* TH* TI* TJ* TK* TL* TM* TN* TO* TP* TQ* TR* TS* TT* TU* TV* TW* TX* TY* TZ* UA* UB* UC* UD* UE* UF* UG* UH* UI* UJ* UK* UL* UM* UN* UO* UP* UQ* UR* US* UT* UV* UW* UX* UY* UZ* VA* VB* VC* VD* VE* VF* VG* VH* VI* VJ* VK* VL* VM* VN* VO* VP* VQ* VR* VS* VT* VU* VW* VX* VY* VZ* WA* WB* WC* WD* WE* WF* WG* WH* WI* WJ* WK* WL* WM* WN* WO* WP* WQ* WR* WS* WT* WU* WV* WW* WX* WY* WZ* XA* XB* XC* XD* XE* XF* XG* XH* XI* XJ* XK* XL* XM* XN* XO* XP* XQ* XR* XS* XT* XU* XV* XW* XX* XY* XZ* YA* YB* YC* YD* YE* YF* YG* YH* YI* YJ* YK* YL* YM* YN* YO* YP* YQ* YR* YS* YT* YU* YV* YW* YX* YY* YZ* ZA* ZB* ZC* ZD* ZE* ZF* ZG* ZH* ZI* ZJ* ZK* ZL* ZM* ZN* ZO* ZP* ZQ* ZR* ZS* ZT* ZU* ZV* ZW* ZX* ZY* ZZ

47 LEGAL - (C) LEGSTAT

IN - W - 1980 [WO9851850]
 AP - W - 9/13/98 (US) 19980507 [198 W - 198]
 IT - W -
 . AIT - 198001 WO/AE-A
 APPLICATION DATA
 IN 19800101 [19800101] [19800101]
 - 19800101 WO/AE-A
 ENTRY INTO THE NATIONAL PHASE IN:
 IN 19800101
 - 19800101 WO/AE-A
 DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
 AL AM AT AU AZ BA BB BG BR BY CA CH CN DE EE ES FI FR GB GR
 HE HU ID IL IS JP KE KG KP KR KZ LB LF LG LS LT LU LV MA ME MG MN
 MO MX NC NZ PL PT RO RU SD SE SG SI SK SL SV TM TR UA US VE VN YU ZW
 - 19800101 WO/AL-A [-]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
 APPLICATION WITH SEARCH REPORT
 AR BR KE LC MW SD SZ TG TW AM AZ BY EG FR GR HU ID IL IN JP KE
 KG KP KR KZ LB LF LG LS LT LU LV MA ME MG MN MO MX NC NZ PL PT
 RO RU SD SE SG SI SK SL SV TM TR UA US VE VN YU ZW
 - 19800101 WO/AL-A [-]
 APPLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL
 SEARCH REPORT
 - 19800407 WO/121
 EP: PCT APP. ART. 156 (1)
 - 19800909 WO/REG; DE/8642 [-]
 DE: IMPACT ABOLISHED FOR DE
 - 20000003 WO/NENP
 NON-ENTRY INTO THE NATIONAL PHASE IN:
 IN 19800407
 IN 19800909
 IN 198013

Search statement 3

Please TRANSMIT the NAME of the file you want to search. To see a description of a file, type its page number and press the TRANSMIT key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME P: DESCRIP

NAME P: DESCRIP

-----CASES & ADMINISTRATIVE DECISIONS----->

IPOMNI 1 Int Prop Cases & Reg Matl

PTOMNI 1 SELECT, PTO, ITC, ALLRES

CASES 1 SELECT, PTO & ITC

SELECTS 1 Patent cases from Fed. Cir.

INRA 1 Customs & Patent Appeals

INFC 1 Patent cases from Fed. Cir.

PTO 1 DATA & WORK

-----SECONDARY SOURCES----->

INLTR 1 Intell Prop Law Nwtrrs

INLR 1 Intell Prop Law Rev Articles

-----PATENTS GROUP FILES----->

ALL 1 UNTIL, DESIGN, PLANT, CIR,

FEEDBACK & REISS

ALLPAT 1 Comb. CIR & INTRAT

-----U.S. PATENTS----->

UNTIL 1 Full Text Patents from 1971*

DESIGN 1 Full Text Patents from 1970

PLANT 1 Full Text Patents from 1970

* Selection coverage 1/15/71 to 12/3/74

902, 5

May 11, 1966

Eng. No. 39, 289, 1

CL: 442; 443; 654

NOTES:

THE PATENT : OFFICE

1,116,414	1-1-81	*	Willingham	
1,116,483	1-1-81	*	Grant	
1,012,073	3-1954	*	Shaw	
1,016,129	5-1977	*	Sternlieb	
1,128,886	12/1978	*	Kyle et al.	
1,144,412	3/1979	*	Yamauchi	
1,141,414	1-1980	*	Leikowitz et al.	
1,075,126	6-1987	*	Oct	41-#1

• • •

[illegible][illegible]

FOREIGN PATENT DOCUMENTS

461404	3/1988	*	European Patent Office (EPO)
489402	6/1991	*	European Patent Office (EPO)
496467	7/1992	*	European Patent Office (EPO)

OTHER PUBLICATIONS

The Machine of the Weaving Type, United States International Search Report, PCT/US87/00003, dated Aug. 20, 1987, 4 pages.

PATM-INVR: Salinas, Christopher
 0/0

Pat. No. 4,922,457, *

LEGAL-REP: Wood, Herron & Evans, L.L.P.

CORE TERMS: yarn, fabric, web, layer, facing, segments, stitch, outer surface, barrier, fluid, fluid-retaining, hydrophobic, hydrophilic, sheet, pad, incontinent, forming, cooperate, ply, stretched, overlaps, loop, manufacture, patient, knit, continuous, interposed, adhesive, underlaps

ABST:

A stitch bonded fabric sheet (10) has a felt web (12) with hydrophobic layer (14) and a hydrophilic layer (16) stitch bonded with yarns (18) to create yarn faces (24 and 26) over the respective outer surfaces (20 and 21) of the felt web (12). Sheet (10) may be used as a fluid-retention fabric such as to replace the facing fabric and felt layer in an incontinent pad.

NO-OF-CLAIMS: 29

EXEMPL-CLAIM: 4-6-1>>> 1

NO-OF-FIGURES: 8